CLAIMS

- A corneal endothelium-like sheet, comprising:
 - a collagen layer; and
- a cell layer formed on the collagen layer, the cell layer consisting of cells derived from corneal endothelium.
 - 2. A corneal endothelium-like sheet according to claim 1, wherein the collagen layer is derived from amniotic membrane.
- 10 3. A corneal endothelium-like sheet according to claim 1, wherein the collagen layer consists of amniotic membrane from which the epithelium has been removed.
- 4. A corneal endothelium-like sheet comprising a cell layer consisting of cells derived from corneal endothelium.
 - 5. A corneal endothelium-like sheet according to claim 1, wherein the cell layer has a monolayer structure.
- 20 6. A corneal endothelium-like sheet according to claim 1, wherein the cell density of the cell layer is about 2000 cells/mm² to about 4000 cells/mm².
- A corneal endothelium-like sheet according to claim 1,
 wherein the plane view shape of the cells derived from corneal endothelium is hexagonal.
- A corneal endothelium-like sheet according to claim 1, wherein the cells derived from corneal endothelium are arranged
 regularly in the cell layer.

- 9. A method for constructing a corneal endothelium-like sheet, the method comprising the following steps:
- a) culturing and proliferating collected corneal endothelial cells;
 - b) collecting the proliferated corneal endothelial cells and producing a cell suspension; and
 - c) planting the cell suspension on a collagen layer and culturing thereof.
 - 10. A method for producing a corneal endothelium-like sheet according to claim 9, wherein the following step is carried out after step b):
- b-1) increasing the cell density in the cell suspension usingcentrifugation.
 - 11. A method for producing a corneal endothelium-like sheet according to claim 9, wherein centrifugation is carried out after planting the cell suspension in step c).
 - 12. A method for producing a corneal endothelium-like sheet according to claim 9, wherein step c) comprises the following steps:
 - c-1) placing a container in a culture container, the container having a bottom surface consisting of a membrane with a pore size capable of allowing a culture solution to pass through;
 - c-2) forming a collagen layer on the bottom face of the container;
 - c-3) planting the cell suspension on the collagen layer;
 - c-4) carrying out centrifugation;
- 30 c-5) culturing.

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13. A method for producing a corneal endothelium-like sheet according to claim 9, wherein the collagen layer is derived from amniotic membrane.

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14. A method for producing a corneal endothelium-like sheet according to claim 9, wherein the collagen layer consists of amniotic membrane from which the epithelium has been removed.